

**h-MIP-1 $\beta$  (Biotin), synthetic****10  $\mu$ g**

Catalogue number: CB-23

**Almac Peptide and Protein Technologies****Chemokines**

Custom Peptides

Site-Specific protein labelling

Modified Histones

Ubiquitylated peptides

**Product Information**

<b>Product Name:</b>	h-MIP-1 $\beta$ (Biotin) CCL4
<b>Synonyms:</b>	CCL4 human (Biotin), Macrophage Inflammatory Protein 1-beta
<b>Swiss Prot Accession No:</b>	P13236
<b>Sequence:</b>	APMGSDP PTACCFASYTA RKLPRNFVVD YYETSSLCSQ PAVVFQTKRS KQVCADPSES WVQEYVYDLE LNK(Linker-Cys-Biotin)
<b>Modifications:</b>	Biotin incorporated at indicated position in a molar ratio of biotin:peptide of 1:1. Linker used is 8-amino-3,6-dioxaoctanoic acid.

**Specification**

<b>HPLC Purity:</b>	>95% area/area at 214nm
<b>Determined Mass:</b>	8.6 kDa
<b>Formulation / Appearance:</b>	White powder lyophilized from water/acetonitrile/ TFA to generate the TFA salt form.  Peptide content determined by UV analysis at 280nm.

**Preparation and Storage**

**Reconstitution / Storage:** It is recommended that unopened vials are stored at -20 °C to -70 °C for periods of up to 18 months. Avoid repeat freeze-thaw cycles.

It is recommended vials be centrifuged prior to opening.

Water can be used to prepare stock solutions of 20  $\mu$ mol.L<sup>-1</sup>. Stock solutions with up to 30% DMSO/water can also be prepared.

*Not fully tested. For research use only. Not for use in human diagnostic or therapeutic procedures.*

